

INDUSTRIAL COMPONENT DATA

VC-AMS 5 1607748 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: VC-AMS 5



Manufacturer	PHOENIX CONTACT
MPN / Reference	VC-AMS 5
Catalog number	1607748
Category	Accessories/spare parts for industrial connectors
Minimum order	5 Pcs
Document ID	EO-79D533E559
Generated	2026-08-02

Product Overview

Contact insert

Contact insert, Article family: VARIOCON, construction: VC3, housing material: PA, color: light gray, number of poles: 5, min. conductor section: 0.5 mm², max. conductor section: 16 mm², nominal voltage: 690, assigned current: 70 A, Connection type: Screw connection, Contact connection type: Male. Plug-in connectors should be operated only in an inert (unloaded) state.

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path PHOENIX CONTACT > Field Device Connectors (FDC)

Additional Product Information

Key Commercial Data

Orderkey 1607748

Packing unit 5 pc

Minimum order quantity 5 pc

Note Made to Order (non-returnable)

Catalog page Page 25 (C-2-2013)

GTIN 4017918969202

Weight per Piece (excluding packing) 62.200 g

Custom tariff number 85366990

Country of origin PL (Poland)

General

Note Connectors may only be connected/disconnected when under no load.

Connection technology Screw connection

Connection method Screw connection

Tightening torque 1.2 Nm ... 1.8 Nm

Degree of pollution 3

Number of positions 4+PE

Insertion/withdrawal cycles ≥ 50

Size VC3

Conductor cross section AWG min. 20

Conductor cross section AWG max. 6

Conductor cross section 0.5 mm² ... 16 mm²

Connection cross section AWG 20 ... 5

Stripping length of the individual wire 12 mm

Ambient conditions

Ambient temperature (operation) -40 °C ... 100 °C

Material data

Housing material PA

Contact material CuZn

Contact surface material hard-silver plated

Contact carrier material PA

Electrical characteristics

Rated voltage (III/3) 690 V

Rated surge voltage 6 kV

6 kV

Rated current 70 A

70 A

Standards and Regulations

Connection in acc. with standard CUL

Flammability rating according to UL 94 V0

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

China RoHS Environmentally Friendly Use Period = 50

For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss 4.027140816eCl@ss 4.127140816eCl@ss 5.027143424eCl@ss 5.127261200eCl@ss 6.027261200eCl@ss 7.027440205e...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VC-AMS 5 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.